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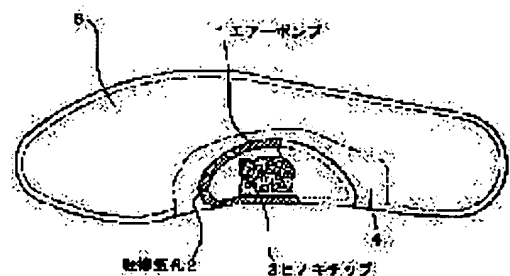
(54) INSOLE FOR SHOE

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the elevation of temperature and humidity in a shoe by generating the current of air inside the shoe, to keep the inside of the shoe comfortable at all the time and to suppress the propagation of various bacteria by providing an air pump at the position of an insole corresponding to the arc of a foot and providing this pump with an intake/outtake hole so that its opening part is turned toward the toe.

SOLUTION: Concerning an air pump 1, a material such as a synthetic resin having air tightness and elasticity is molded into a shape having a curved surface so that this surface is fitted to the recess of arc of the foot and an air pool 5 is formed inside and bonded to a part corresponding to the arc on the surface of a sole.

Further, an intake/outtake hole 2 to become the inlet/outlet of air is provided on the wall of the air pump 1 on the toe side. Further, in the inside of the air pump 1, cypress chips 3 are sewn on the sole while filling them in the inside of a bag composed of meshed cloth. Then, the cloth of satisfactory air permeability is cut into a required shape and used as a front cover 6. Thus, the air pump 1 is repeatedly deformed and restored with walking and air is ventilated by putting it in or putting in out of the intake/outtake hole 2.



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